

Replacement Sequence Listing

Applicants submit herewith a Replacement Sequence Listing that complies with the requirements of 37 C.F.R. §§ 1.821 – 1.825. The Replacement Sequence Listing, created on August 13, 2009, is submitted on even date herewith via EFS-web.

Previously, a Sequence Listing was submitted on September 26, 2008, which included SEQ ID NO: 17. SEQ ID NO: 17 was intended to represent an amino acid sequence for the C-terminal portion of the HR protein (specifically amino acid residues 490 to 1182). However, SEQ ID NO: 17 from the Sequence Listing of September 26, 2008 mistakenly identified an incorrect amino acid sequence.

The Sequence Listing submitted herewith is intended to replace the Sequence Listing previously submitted on September 26, 2008. Specifically, Applicants have amended the Sequence Listing submitted on September 26, 2008 to replace SEQ ID NO: 17 that recites, “Gly–Thr–Thr...” with SEQ ID NO: 17 from the Sequence Listing previously submitted on April 27, 2006 that recites, “Val–Thr–Gln...”. Applicants submit that SEQ ID NO: 17 from the Sequence Listing submitted on April 27, 2006 was mistakenly replaced with the incorrect sequence in a Sequence Listing submitted on July 7, 2006. This mistake was only recently discovered.

Support for the amendment to SEQ ID NO: 17 in the Sequence Listing is found in pages 27-28 of the originally filed specification. Specifically, page 28 of the originally filed specification identifies SEQ ID NO: 103. SEQ ID NO: 103 refers to the published amino acid sequence for the mouse HR protein, which is described in a Begona reference cited on pages 27-28 of the specification, the relevant parts of which were incorporated by reference (See page 33, lines 28-29). A copy of the Begona reference is attached for your reference. The amino acid sequence for the mouse HR protein was mistakenly identified as SEQ ID NO: 103 in the originally filed application on page 28, lines 19-20. Subsequently, SEQ ID NO: 103 was amended to recite “SEQ ID NO: 18” on October 24, 2005 in order to conform the specification to the Sequence Listing of October 24, 2005. Currently, Applicants have amended the specification on page 28 to replace SEQ ID NO: 18 with “SEQ ID NO: 17” to conform the specification to the Replacement Sequence Listing submitted herewith. Applicants submit that the amendment to the Replacement Sequence Listing introduces no new matter as required by 37 C.F.R. §1.821(g).